Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
rı	33	(("5779802") or ("6444945") or ("5776359")).PN.	USPAT	OR	OFF	2006/04/17 12:16
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S34	7874	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N <sub>O</sub>	2005/06/21 14:03
835	2413	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2005/06/21 14:03
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s. or US-PGPUB; OR ON 2005/06/21 14:03 USPAT; EPO; JPO; DERWENT ; IBM_TDB		US-PGPUB; OR ON 2005/06/21 14:03 USPAT; EPO; JPO; DERWENT ; IBM_TDB	US-PGPUB; OR ON 2005/06/21 14:03 USPAT; EPO; JPO; DERWENT ; IBM_TDB	US-PGPUB; OR ON 2005/06/21 14:03 USPAT; EPO; JPO; DERWENT; IBM_TDB	ls. or US-PGPUB; OR ON 2005/06/21 14:03 USPAT; EPO; JPO; DERWENT : IBM_TDB	is. or US-PGPUB; OR ON 2005/06/21 14:03 cls. or USPAT; EPO; JPO; Or DERWENT r. ; IBM_TDB		US-PGPUB; OR ON 2005/06/21 14:03 USPAT; EPO; JPO; DERWENT ; IBM_TDB
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S41	S42	S43	S44	S45	S46	S47	S48	

2005/06/21 14:03	2006/04/04 13:17	2006/04/04 13:17	2006/04/04 13:17	2006/04/04 13:17	2006/04/04 13:17	2006/04/04 13:17	2006/04/04 13:17
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OR	OR	NO N	OR	OR	OR	OR	OR
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(118/715 ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.20.ccls. or 137/560.ccls. or 137/561.ccls. or 137/591.ccls. or 137/591.ccls. or 137/591.ccls. or 137/591.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 141/36.ccls. or 141/36.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/46.1.ccls. or 261/64.1.ccls. or 261/65.ccls. or 261/14.1.3.ccls. or 261/190-102.ccls. or 261/190.ccls. or 261/191.ccls. or 261/191.2.ccls.	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.39.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/561a.ccls. or 137/561a.ccls. or 137/561a.ccls. or 137/561a.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 141/37.ccls. or 261/146-147.ccls. or 261/146-147.ccls. or 261/146-147.ccls. or 261/146-147.ccls. or 261/165.ccls. or 261/167.ccls. or 261/190-102.ccls. or 261/190-102.ccls. or 261/190-102.ccls. or 261/190-102.ccls. or 261/190-102.ccls. or 261/108-109.ccls. or 261/113.ccls.	137/262-264.ccls. or 137/594.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	261/19-22.ccls. or 261/23.1 ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	261/64.1. cels. or 261/16.cels. or 261/75-76.cels. or 261/94-96.cels. or 261/100-102.cels. or 261/108-cels. or 261/108-109.cels. or 261/113.cels. or 261/114.1.cels.	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 156/345.35.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/590.ccls. or 137/590.ccls. or 137/590.ccls. or 141/362.ccls. or 141/37.ccls. or 141/44.47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/197.ccls. or 261/162-63.ccls.) or (261/64.1.ccls. or 261/164.1.ccls.
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### **EAST Search History**

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S73	30	S69 and (laser and microwave) not S70	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 10:43
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S81 or S88		US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/05 10:33	
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7968	2464	479	2620	7212	30289	2125	10209	7968
S93	894	895	968	297	868	668	8100	1018

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2464	479	2620	7212	30289	31830	2125	30289	1174
S102	S103	S104	\$105	8106	S107	S108	S109	S110

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SIII	m m	S110 and (laser with (gas and jet))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/05 10:33
S112	S	S110 and (laser same (gas and jet)) not S111	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 12:42
S113	4	S110 and (laser and (gas with jet)) not S111	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/05 10:33
S114	50	S110 and (laser and microwave) not S111	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/05 10:33
S115	197	S110 and laser	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 10:43
S116	01	("4683838"   "4947085"   "4950642"   "5022977").PN. OR ("5779802").URPN.	US-PGPUB; USPAT; USOCR	OR	N O	2006/04/05 11:52
S117	744	118/723mw.ccls. or 118/723me.ccls. or 156/345.35.ccls.	US-PGPUB; USPAT; USOCR	OR	NO	2006/04/05 11:53
S118	06	S117 and laser and (microwave or magnatron)	US-PGPUB; USPAT; USOCR	OR	8	2006/04/05 11:53
8119	30	("4656052"   "4657774"   "4683149"   "4778561").PN. OR ("4883686").URPN.	US-PGPUB; USPAT; USOCR	OR	N O	2006/04/05 12:13
S120	46	"remote plasma source" and laser and vaporiz\$3	US-PGPUB; USPAT; USOCR	OR	N O	2006/04/05 12:16
S121	120	(remote with plasma) and laser and vaporiz\$3 not \$120	US-PGPUB; USPAT; USOCR	OR	N O	2006/04/05 12:33
\$122	0	(remote and plasma) and laser and vaporiz\$3 not \$120	EPO; JPO; DERWENT ; IBM_TDB	OR	NO O	2006/04/05 12:33

S123	0	(remote and plasma) and laser and vaporiz\$3	EPO; JPO; DERWENT ; IBM_TDB	S. O.	N O	2006/04/05 12:33
S124	57	(remote and plasma) and laser	EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 12:34
S125	30	S110 and (laser and (gas and jet)) not S111	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO O	2006/04/05 12:42
S126	4	(US-6028393-\$ or US-5779802-\$ or US-4883686-\$ or US-5522343-\$).did.	USPAT	OR	N O	2006/04/05 12:48
S127	280	"Knudsen cell"	USPAT	OR	NO O	2006/04/05 14:51
S128	42	S127 and drops	USPAT	OR	N O	2006/04/05 14:21
8129	0	S127 and (drops with "mu.")	USPAT	OR	N O	2006/04/05 14:21
S130	0	S127 and (mist with "mu.")	USPAT	OR	N O	2006/04/05 14:22
S131	0	S127 and (mist with ".\mu.")	USPAT	OR	N O	2006/04/05 14:22
S132	0	S127 and (mist with ".mu.")	USPAT	OR	NO O	2006/04/05 14:22
S133	0	S127 and (mist with "mum")	USPAT	OR	NO O	2006/04/05 14:22
S134	0	S127 and ((mist or drops) with size)	USPAT	OR	NO	2006/04/05 14:22
\$135	0	\$127 and ((mist or drops) with diameter)	US-PGPUB;	OR	NO NO	2006/04/05 14:25
			USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB			·
S136	E	S127 and ((mist or drops) and vibrat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 14:30
\$137	0	plasma and "effussion cell" and ((mist or drops) and vibrat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	Z Ö	2006/04/05 14:31
S138	0	plasma and "effussion cell" and vibrat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 14:31

\$139	0	nlasma and "efficeion cell" and vibrat\$4	11S-PGPUB.	OR B	S	2006/04/05 14:31
	,			<u> </u>	<u>.</u>	
S140	9	plasma and "effusion cell" and vibrat\$4		OR	Z O	2006/04/05 14:31
S141	41	"Knudsen cell" and coils	USPAT	OR	NO O	2006/04/05 14:52
S142	\$	"Knudsen cell" with coils	USPAT	OR	NO	2006/04/05 14:53
\$143	36	S141 not S142	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 15:26
S144	145	S127 and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 15:32
S145	17	S127 and electrode and magnets	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 15:32
S146	17	S127 and electrode and magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 15:59
S147	2016	deposit\$3 and (drops or mist) and vibrat\$3 and (jet or stream) and plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 16:00
S148	772	deposit\$3 and (drops or mist) and vibrat\$3 and (jet or stream) and plasma and "NaOH"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 17:03

S149	1398	S147 not S148 and (chamber or vessel or reactor)	US-PGPUB;	OR	NO O	2006/04/05 16:12	:12
			EPO; JPO; DERWENT ; IBM_TDB				
	47	S149 and (mass with distribution)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/05 16:33	.33
	23	S147 and (mass with distribution) not S149	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/05 16:35	:35
	396	S147 and (mass and (radius or diameter or size)) not S149	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/05 16:35	:35
	167	deposit\$3 and (drops or mist) and vibrat\$3 and ultrasonic and plasma and "NaOH"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/05 17:18	8
	627	deposit\$3 and (drops or mist) and vibrat\$3 and ultrasonic and plasma and (sodium hydroxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	N O	2006/04/05 17:18	<u>∞</u>
	159	deposit\$3 and (drops or mist) and vibrat\$3 and ultrasonic and plasma and ("sodium hydroxide")	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/05 17:23	:23
	208	deposit\$3 and (drops or mist) and vibrat\$3 and ultrasonic and ("sodium hydroxide") not \$155	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/05 17:23	:23
	73016	(wafer or substrate) and vibrat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/17 10:55	:55

8518	9265	5976 (wafer or substrate) and vibrat\$3 and dronlets	11S-PGPLIB	OR	NC	2006/04/17 10:57
				<u> </u>	5	
8189	1526	(wafer or substrate) and (vibrat\$3 with droplets)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	Z O	2006/04/17 10:57
8160	1022	S159 and (chamber or reactor)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/17 10:58
1918	364	SIS8 and NaOH	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/17 10:57
\$162	364	S158 and "NaOH"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/17 10:58
S163	267	S161 and (chamber or reactor)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	NO	2006/04/17 12:16